

# **Border Winds Turbine Location Adjustments between November 3, 2009 and August 9, 2010**

**Prepared by Westwood Professional Services, August 23, 2010**

<b>Previous ID</b>	<b>Current ID</b>	<b>North Coord <sup>1</sup></b>	<b>East Coord <sup>1</sup></b>	<b>Status</b>	<b>Movement - Distance/Direction to Nearest House <sup>2</sup></b>
None	Alt-A3	728587.524	2157339.321	Alternate Turbine	New Turbine - Nearest house 1,514' NW
None	Alt-A4	729648.274	2159534.46	Alternate Turbine	New Turbine - Nearest house 3,164' W
B1	B1	721033.838	2156177.615	Proposed Turbine	Not moved
B2	B2	721599.738	2157869.379	Proposed Turbine	Moved SE 154' - Nearest house 3,700' SE
B3	B3	722342.936	2159319.933	Proposed Turbine	Not moved
B4	B4	723488.199	2161167.524	Proposed Turbine	Moved SE 84' - Nearest house 2,332' S
B5	B5	724298.463	2163579.872	Proposed Turbine	Moved SE 562' - Nearest house 3,600' SW
B6	B6	725098.649	2164918.975	Proposed Turbine	Not moved
B7	B7	725974.805	2166907.597	Proposed Turbine	Not moved
AltB	Alt-B8	726607.748	2168106.848	Alternate Turbine	Moved W 25' - Nearest house 4,224' NE
C1	C1	713536.347	2159681.986	Proposed Turbine	Moved W 311' - Nearest house 1,760' SE (farther)
C2	C2	713630.314	2162134.133	Proposed Turbine	Moved SE 736' - Nearest house 2,029' SW (closer)
C3	C3	714924.242	2163207.772	Proposed Turbine	Moved NE 69' - Nearest house 2,846' N (closer)
C4	C4	715554.963	2164725.305	Proposed Turbine	Not moved
C5	C5	716425.987	2166280.614	Proposed Turbine	Moved SW 85' - Nearest house 1,672' NW (farther)
AltC	C6	717247.507	2167749.857	Proposed Turbine	Moved S 188' - Nearest house 2,112' NE (farther)
None	C7	719752.012	2169069.392	Proposed Turbine	New Turbine - Nearest house 1,673' SE
D1	D1	719548.778	2171629.442	Proposed Turbine	Moved S 94' - Nearest house 2,032' SW
D2	D2	720579.342	2172680.652	Proposed Turbine	Moved W 108' - Nearest house 3,495' SW
D3	Eliminated	721611.1831	2173903.639	Eliminated	Eliminated
D4	D4	722166.041	2175000.83	Proposed Turbine	Moved SW 429' - Nearest house 3,758' NW (farther)
AltD	D5	723697.026	2177311.413	Proposed Turbine	Moved NE 515' - Nearest house 2,014' N (closer)
E1	E1	723766.526	2179621.219	Proposed Turbine	Moved N 229' - Nearest house 2,740' NW (closer)
E2	E2	724401.121	2180862.322	Proposed Turbine	Moved W 152' - Nearest house 3,448' NW (closer)
E3	E3	725856.228	2182296.902	Proposed Turbine	Not moved
E4	E4	726929.505	2183451.069	Proposed Turbine	Not moved
E5	E5	727903.019	2184548.245	Proposed Turbine	Not moved
E6	E6	728696.61	2186082.642	Proposed Turbine	Moved SW 251' - Nearest house 8,976' SW (closer)
None	E7	729346.191	2188211.771	Proposed Turbine	New Turbine - Nearest house 11,220' SW
A1	E8	729047.815	2190061.383	Proposed Turbine	Moved N 234' - Nearest house 11,484' SE (farther)
A2	E9	729764.083	2191520.453	Proposed Turbine	Not moved
F1	F1	713122.131	2175747.362	Proposed Turbine	Moved 109' NW - Nearest house 1,736' W (closer)
F2	F2	713892.182	2176803.407	Proposed Turbine	Moved 48' SW - Nearest house 2,810' W (closer)
F3	F3	714897.64	2177943.186	Proposed Turbine	Moved S 65' - Nearest house 4,224' SW (closer)
F4	F4	716808.127	2178853.816	Proposed Turbine	Moved N 251' - Nearest house 4,092' NE (closer)
F5	F5	716821.157	2180897.539	Proposed Turbine	Moved S 548' - Nearest house 2,376' NE (farther)
G1	G1	717364.1	2188733.547	Proposed Turbine	Moved S 53' - Nearest house 4,488' S (closer)
G2	G2	718858.761	2189706.911	Proposed Turbine	Moved NW 40' - Nearest house 4,224' SE (farther)
G3	G3	720444.401	2191019.852	Proposed Turbine	Moved NW 48' - Nearest house 3,696' SE (farther)
G4	G4	721191.468	2192436.141	Proposed Turbine	Moved E 12' - Nearest house 3,344' SE (same)
G5	G5	722279.701	2193453.297	Proposed Turbine	Not moved
AltG	G6	723858.994	2195459.235	Proposed Turbine	Moved NW 378' - Nearest house 5,896' SW (farther)
AltG2	G7	724336.761	2196679.968	Proposed Turbine	Moved 246' NW - Nearest house 6,776' SW (same)
H1	H1	728037.141	2195244.305	Proposed Turbine	Moved 33' S - Nearest house 9,856' SW (closer)
H2	H2	729079.578	2196639.618	Proposed Turbine	Moved NW 96' - Nearest house 11,220' SW (farther)
H3	H3	729640.087	2198311.419	Proposed Turbine	Moved W 215' - Nearest house 11,352' SW (closer)
None	H4	729760.941	2200602.318	Proposed Turbine	New Turbine - Nearest house 12,496' SW

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AltJ	Eliminated	699632.7181	2166323.587	Eliminated	Eliminated
J1	Eliminated	706327.8892	2177006.696	Eliminated	Eliminated
J2	Eliminated	706704.0122	2179280.906	Eliminated	Eliminated
J3	J3	707783.514	2180861.961	Proposed Turbine	Moved SE 60' - Nearest house 5,544' N (farther)
J4	J4	708307.934	2182059.623	Proposed Turbine	Not moved
J5	J5	709462.816	2183391.388	Proposed Turbine	Moved N 42' - Nearest house 3,872' N (closer)
None	J6	710707.807	2185472.414	Proposed Turbine	New Turbine - Nearest house 4,439' NE
K1	K1	709176.832	2190925.231	Proposed Turbine	Moved W 63' - Nearest house 1,760' SE (farther)
K2	K2	709091.718	2193072.093	Proposed Turbine	Moved SE 646' - Nearest house 1,793' SW (closer)
K3	K3	709996.91	2194155.053	Proposed Turbine	Moved S 135' - Nearest house 2,904' NE (farther)
L1	L1	713736.634	2196020.364	Proposed Turbine	Moved S 618' - Nearest house 1,858' S (closer)
L2	L2	714966.24	2197637.035	Proposed Turbine	Moved SW 71' - Nearest house 3,256' S (closer)
L3	L3	716090.386	2199154.272	Proposed Turbine	Moved SW 591' - Nearest house 4,884' SW (closer)
None	L4	716816.503	2200904.8	Proposed Turbine	New Turbine - Nearest house 3,784' NE
M1	M1	700754.517	2193045.361	Proposed Turbine	Moved SE 183' - Nearest house 1,892' N (farther)
M2	M2	702403.15	2196559.469	Proposed Turbine	Moved SE 28' - Nearest house 3,124' W (farther)
M3	M3	703935.105	2197826.662	Proposed Turbine	Moved NE 82' - Nearest house 4,620' SW (farther)
M4	M4	704720.274	2199002.593	Proposed Turbine	Moved W 50' - Nearest house 5,544' SW (closer)
M5	M5	705773.292	2200154.467	Proposed Turbine	Moved E 6' - Nearest house 7,392' SW (farther)
M6	M6	706919.402	2201347.447	Proposed Turbine	Not moved
AltM	Eliminated	700150.7607	2168157.659	Eliminated	Eliminated
AltN	Eliminated	704515.4175	2191840.61	Eliminated	Eliminated
N1	Alt-N1	689954.143	2198249.329	Alternate Turbine	Moved SE 73' - Nearest house 8,000' S (closer)
N2	Alt-N2	690942.378	2199263.403	Alternate Turbine	Moved W 44' - Nearest house 8,580' E (farther)
N3	Alt-N3	691993.051	2201520.18	Alternate Turbine	Moved SE 241' - Nearest house 5,412' N (closer)
N4	Alt-N4	694045.089	2202172.157	Alternate Turbine	Moved NW 732' - Nearest house 3,432' N (closer)
P1	Eliminated	704199.7754	2163562.509	Eliminated	Eliminated
P2	Eliminated	705302.7587	2164899.98	Eliminated	Eliminated
P3	Alt-P3	707521.172	2166273.426	Alternate Turbine	Moved W 218' - Nearest house 3,256' NE (farther)
AltP	Alt-P4	708551.303	2167532.683	Alternate Turbine	Not moved
R1	R1	713739.538	2185141.172	Proposed Turbine	Moved NE 359' - Nearest house 2,772' W (closer)
R2	R2	715446.462	2186496.049	Proposed Turbine	Not moved
S1	S1	698114.356	2198905.407	Proposed Turbine	Moved SE 110' - Nearest house 3,784' E (farther)
S2	S2	698758.725	2200399.399	Proposed Turbine	Moved S 78' - Nearest house 2,587' SE (closer)
S3	S3	699654.999	2201906.504	Proposed Turbine	Moved NW 39' - Nearest house 2,332' S (farther)
None	S4	697413.167	2197058.906	Proposed Turbine	New Turbine - Nearest house 5,632' E
AltS	Alt-S5	704070.911	2190518.002	Alternate Turbine	Moved NE 553' - Nearest house 1,918' E (closer)

<sup>1</sup> Coordinates are listed in NAD 1983 HARN State Plane North Dakota North FIPS 3301 Feet Intl.

<sup>2</sup> (farther) or (closer) indicates whether the turbine was moved farther from or closer to the nearest house.